

=> fil reg

FILE 'REGISTRY' ENTERED AT 16:10:47 ON 18 SEP 2006

=> d his ful

FILE 'HCAPLUS' ENTERED AT 12:29:24 ON 18 SEP 2006

L1 1 SEA ABB=ON US20060052424/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 12:29:52 ON 18 SEP 2006

L2 39 SEA ABB=ON (133343-34-7/BI OR 100-39-0/BI OR 100-53-8/
BI OR 108-24-7/BI OR 118918-76-6/BI OR 140879-24-9/BI
OR 145451-97-4/BI OR 154226-60-5/BI OR 155893-37-1/BI
OR 155918-16-4/BI OR 167398-10-9/BI OR 181302-48-7/BI
OR 183873-82-7/BI OR 183873-83-8/BI OR 183873-84-9/BI
OR 183873-85-0/BI OR 183873-86-1/BI OR 183873-88-3/BI
OR 183873-89-4/BI OR 183873-90-7/BI OR 183873-91-8/BI
OR 183873-92-9/BI OR 183873-93-0/BI OR 183873-94-1/BI
OR 183873-95-2/BI OR 183873-96-3/BI OR 183873-97-4/BI
OR 183873-98-5/BI OR 183873-99-6/BI OR 183874-00-2/BI
OR 183874-01-3/BI OR 183874-02-4/BI OR 183874-03-5/BI
OR 183874-04-6/BI OR 183874-05-7/BI OR 4042-36-8/BI OR
61113-34-6/BI OR 70-18-8/BI OR 9031-96-3/BI)

L3 STR

L4 50 SEA SSS SAM L3

L5 STR L3

L6 50 SEA SSS SAM L5

L7 SCR 2043 OR 2127 OR 1918

L8 50 SEA SSS SAM L5 NOT L7

D SCAN L2

L9 6 SEA ABB=ON L2 NOT 1-100/NR

L10 33 SEA ABB=ON L2 NOT L9

L11 32 SEA ABB=ON L10 NOT BROMO?

L12 27 SEA ABB=ON L11 NOT THIO?

L13 31 SEA ABB=ON L11 NOT BENZENEMETHANETHIOL?

FILE 'HCAPLUS' ENTERED AT 13:50:19 ON 18 SEP 2006

L14 509 SEA ABB=ON L13

L15 171 SEA ABB=ON L14 AND PREP/RL

L16 811498 SEA ABB=ON ?CANCER? OR CARCINOMA? OR MELANOMA? OR
?NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR ?MALIGNAN?

L17 156 SEA ABB=ON L14 AND L16

L18 5 SEA ABB=ON L17 AND (1840-1995)/PRY,AY,PY

FILE 'EMBASE, MEDLINE, BIOSIS, CAOLD' ENTERED AT 14:00:03 ON 18
SEP 2006

L19 2099 SEA ABB=ON L13

L20 1474 DUP REM L19 (625 DUPLICATES REMOVED)

L21 488 SEA ABB=ON L20 AND L16

FILE 'REGISTRY' ENTERED AT 14:09:45 ON 18 SEP 2006

L22 SCR 1841

L23 50 SEA SSS SAM L5 NOT (L7 OR L22)

L24 STR 183874-05-7

FILE 'HCAPLUS' ENTERED AT 14:24:47 ON 18 SEP 2006

L25 131 SEA ABB=ON L17 AND PHARM?/SC,SX

L26 3 SEA ABB=ON L25 AND (1840-1995)/PRY,AY,PY

L27 5 SEA ABB=ON L18 OR L26

L28 5 SEA ABB=ON L17 AND (1840-1995)/PRY,AY,PY

L29 84 SEA ABB=ON L14 AND (1840-1995)/PRY,AY,PY
 L30 370919 SEA ABB=ON (?CANCER? OR CARCINOMA? OR MELANOMA? OR
 ?NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR ?MALIGNAN?)/CT
 L31 4 SEA ABB=ON L29 AND L30
 L32 6 SEA ABB=ON L29 AND THU/RL
 L33 8 SEA ABB=ON L18 OR L26 OR L26 OR L27 OR L28 OR L31 OR
 L32
 L34 206 SEA ABB=ON L14 AND THU/RL
 L35 26 SEA ABB=ON L34 AND CANCER/IT
 L36 1 SEA ABB=ON L35 AND (1840-1995)/PRY,AY,PY
 L37 8 SEA ABB=ON L33 OR L36

FILE 'EMBASE, BIOSIS, MEDLINE' ENTERED AT 14:54:47 ON 18 SEP 2006

L38 8 SEA ABB=ON L21 AND PY<=1995
 L39 0 SEA ABB=ON L38 NOT L37

FILE 'HCAPLUS' ENTERED AT 15:03:48 ON 18 SEP 2006

L40 6 SEA ABB=ON L34 AND (1840-1995)/PRY,AY,PY
 L41 8 SEA ABB=ON L37 OR L40

FILE 'REGISTRY' ENTERED AT 15:04:19 ON 18 SEP 2006

L42 STR L5
 L43 1 SEA SSS SAM L42
 L44 STR L42
 L45 0 SEA SSS SAM L44
 L46 0 SEA SSS SAM L44 NOT (L7 OR L22)
 L47 STR L44
 L48 0 SEA SSS SAM L47 NOT (L7 OR L22)
 L49 SCR 2016 OR 2026 OR 1996
 L50 0 SEA SSS SAM L47 NOT (L7 OR L22 OR L49)
 L51 STR 183873-96-3
 L52 STR L47
 L53 1 SEA SSS SAM L52 NOT (L7 OR L22 OR L49)
 L54 1 SEA SSS SAM L52
 L55 2 SEA SSS SAM L52 NOT (L7 OR L22)
 L56 694 SEA SSS FUL L52 NOT (L7 OR L22)
 SAV L56 RAM877/A
 L57 15 SEA ABB=ON L56 AND L13

FILE 'HCAPLUS' ENTERED AT 15:23:25 ON 18 SEP 2006

L58 330 SEA ABB=ON L56
 L59 28 SEA ABB=ON L58 AND L30
 L60 2 SEA ABB=ON L59 AND (1840-1995)/PRY,AY,PY
 L61 70 SEA ABB=ON L58 AND THU/RL
 L62 7 SEA ABB=ON L61 AND (1840-1995)/PRY,AY,PY
 L63 7 SEA ABB=ON L60 OR L62
 L64 11 SEA ABB=ON L41 OR L63
 L65 48 SEA ABB=ON L58 AND L16
 L66 2 SEA ABB=ON L65 AND (1840-1995)/PRY,AY,PY
 L67 11 SEA ABB=ON L64 OR L66
 L68 92 SEA ABB=ON L58 AND PHARM?/SC,SX
 L69 19 SEA ABB=ON L68 AND (1840-1995)/PRY,AY,PY
 L70 25 SEA ABB=ON L67 OR L69
 L71 206 SEA ABB=ON L14 AND THU/RL
 L72 6 SEA ABB=ON L71 AND (1840-1995)/PRY,AY,PY
 L73 259 SEA ABB=ON L14 AND PHARM?/SC,SX
 L74 25 SEA ABB=ON L73 AND (1840-1995)/PRY,AY,PY
 L75 43 SEA ABB=ON L70 OR L72 OR L74

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L2 39 SEA FILE=REGISTRY ABB=ON (133343-34-7/BI OR 100-39-0/B
I OR 100-53-8/BI OR 108-24-7/BI OR 118918-76-6/BI OR
140879-24-9/BI OR 145451-97-4/BI OR 154226-60-5/BI OR
155893-37-1/BI OR 155918-16-4/BI OR 167398-10-9/BI OR
181302-48-7/BI OR 183873-82-7/BI OR 183873-83-8/BI OR
183873-84-9/BI OR 183873-85-0/BI OR 183873-86-1/BI OR
183873-88-3/BI OR 183873-89-4/BI OR 183873-90-7/BI OR
183873-91-8/BI OR 183873-92-9/BI OR 183873-93-0/BI OR
183873-94-1/BI OR 183873-95-2/BI OR 183873-96-3/BI OR
183873-97-4/BI OR 183873-98-5/BI OR 183873-99-6/BI OR
183874-00-2/BI OR 183874-01-3/BI OR 183874-02-4/BI OR
183874-03-5/BI OR 183874-04-6/BI OR 183874-05-7/BI OR
4042-36-8/BI OR 61113-34-6/BI OR 70-18-8/BI OR
9031-96-3/BI)
L7 SCR 2043 OR 2127 OR 1918
L9 6 SEA FILE=REGISTRY ABB=ON L2 NOT 1-100/NR
L10 33 SEA FILE=REGISTRY ABB=ON L2 NOT L9
L11 32 SEA FILE=REGISTRY ABB=ON L10 NOT BROMO?
L13 31 SEA FILE=REGISTRY ABB=ON L11 NOT BENZENEMETHANETHIOL?

L14 509 SEA FILE=HCAPLUS ABB=ON L13
L16 811498 SEA FILE=HCAPLUS ABB=ON ?CANCER? OR CARCINOMA? OR
MELANOMA? OR ?NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR
?MALIGNAN?
L17 156 SEA FILE=HCAPLUS ABB=ON L14 AND L16
L18 5 SEA FILE=HCAPLUS ABB=ON L17 AND (1840-1995)/PRY,AY,PY

L22 SCR 1841
L25 131 SEA FILE=HCAPLUS ABB=ON L17 AND PHARM?/SC,SX
L26 3 SEA FILE=HCAPLUS ABB=ON L25 AND (1840-1995)/PRY,AY,PY

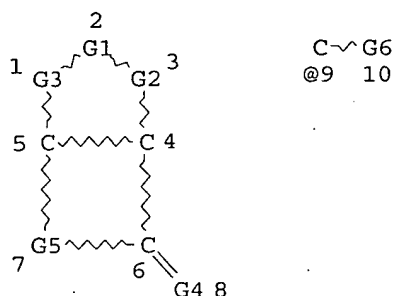
L27 5 SEA FILE=HCAPLUS ABB=ON L18 OR L26
L28 5 SEA FILE=HCAPLUS ABB=ON L17 AND (1840-1995)/PRY,AY,PY

L29 84 SEA FILE=HCAPLUS ABB=ON L14 AND (1840-1995)/PRY,AY,PY

L30 370919 SEA FILE=HCAPLUS ABB=ON (?CANCER? OR CARCINOMA? OR
MELANOMA? OR ?NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR
?MALIGNAN?)/CT
L31 4 SEA FILE=HCAPLUS ABB=ON L29 AND L30
L32 6 SEA FILE=HCAPLUS ABB=ON L29 AND THU/RL
L33 8 SEA FILE=HCAPLUS ABB=ON L18 OR L26 OR L26 OR L27 OR
L28 OR L31 OR L32
L34 206 SEA FILE=HCAPLUS ABB=ON L14 AND THU/RL
L35 26 SEA FILE=HCAPLUS ABB=ON L34 AND CANCER/IT
L36 1 SEA FILE=HCAPLUS ABB=ON L35 AND (1840-1995)/PRY,AY,PY

L37 8 SEA FILE=HCAPLUS ABB=ON L33 OR L36
L40 6 SEA FILE=HCAPLUS ABB=ON L34 AND (1840-1995)/PRY,AY,PY

L41 8 SEA FILE=HCAPLUS ABB=ON L37 OR L40
L52 STR



VAR G1=CH2/9
 VAR G2=O/S/N/SO2
 VAR G3=O/S/N/C
 VAR G4=O/S
 VAR G5=O/S/N
 VAR G6=O/S/CH2/X
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC I
 NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

L56	694	SEA FILE=REGISTRY SSS FUL L52 NOT (L7 OR L22)
L58	330	SEA FILE=HCAPLUS ABB=ON L56
L59	28	SEA FILE=HCAPLUS ABB=ON L58 AND L30
L60	2	SEA FILE=HCAPLUS ABB=ON L59 AND (1840-1995)/PRY,AY,PY
L61	70	SEA FILE=HCAPLUS ABB=ON L58 AND THU/RL
L62	7	SEA FILE=HCAPLUS ABB=ON L61 AND (1840-1995)/PRY,AY,PY
L63	7	SEA FILE=HCAPLUS ABB=ON L60 OR L62
L64	11	SEA FILE=HCAPLUS ABB=ON L41 OR L63
L65	48	SEA FILE=HCAPLUS ABB=ON L58 AND L16
L66	2	SEA FILE=HCAPLUS ABB=ON L65 AND (1840-1995)/PRY,AY,PY
L67	11	SEA FILE=HCAPLUS ABB=ON L64 OR L66
L68	92	SEA FILE=HCAPLUS ABB=ON L58 AND PHARM?/SC,SX
L69	19	SEA FILE=HCAPLUS ABB=ON L68 AND (1840-1995)/PRY,AY,PY
L70	25	SEA FILE=HCAPLUS ABB=ON L67 OR L69
L71	206	SEA FILE=HCAPLUS ABB=ON L14 AND THU/RL
L72	6	SEA FILE=HCAPLUS ABB=ON L71 AND (1840-1995)/PRY,AY,PY
L73	259	SEA FILE=HCAPLUS ABB=ON L14 AND PHARM?/SC,SX
L74	25	SEA FILE=HCAPLUS ABB=ON L73 AND (1840-1995)/PRY,AY,PY
L75	43	SEA FILE=HCAPLUS ABB=ON L70 OR L72 OR L74

=> fil medline embase biosis
 FILE 'MEDLINE' ENTERED AT 16:11:13 ON 18 SEP 2006

FILE 'EMBASE' ENTERED AT 16:11:13 ON 18 SEP 2006
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FILE 'BIOSIS' ENTERED AT 16:11:13 ON 18 SEP 2006
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L2 39 SEA FILE=REGISTRY ABB=ON (133343-34-7/BI OR 100-39-0/B
 I OR 100-53-8/BI OR 108-24-7/BI OR 118918-76-6/BI OR
 140879-24-9/BI OR 145451-97-4/BI OR 154226-60-5/BI OR
 155893-37-1/BI OR 155918-16-4/BI OR 167398-10-9/BI OR
 181302-48-7/BI OR 183873-82-7/BI OR 183873-83-8/BI OR
 183873-84-9/BI OR 183873-85-0/BI OR 183873-86-1/BI OR
 183873-88-3/BI OR 183873-89-4/BI OR 183873-90-7/BI OR
 183873-91-8/BI OR 183873-92-9/BI OR 183873-93-0/BI OR
 183873-94-1/BI OR 183873-95-2/BI OR 183873-96-3/BI OR
 183873-97-4/BI OR 183873-98-5/BI OR 183873-99-6/BI OR
 183874-00-2/BI OR 183874-01-3/BI OR 183874-02-4/BI OR
 183874-03-5/BI OR 183874-04-6/BI OR 183874-05-7/BI OR
 4042-36-8/BI OR 61113-34-6/BI OR 70-18-8/BI OR
 9031-96-3/BI)

L9 6 SEA FILE=REGISTRY ABB=ON L2 NOT 1-100/NR

L10 33 SEA FILE=REGISTRY ABB=ON L2 NOT L9

L11 32 SEA FILE=REGISTRY ABB=ON L10 NOT BROMO?

L13 31 SEA FILE=REGISTRY ABB=ON L11 NOT BENZENEMETHANETHIOL?

L14 509 SEA FILE=HCAPLUS ABB=ON L13

L16 811498 SEA FILE=HCAPLUS ABB=ON ?CANCER? OR CARCINOMA? OR
 MELANOMA? OR ?NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR
 ?MALIGNAN?

L17 156 SEA FILE=HCAPLUS ABB=ON L14 AND L16

L18 5 SEA FILE=HCAPLUS ABB=ON L17 AND (1840-1995)/PRY,AY,PY

L19 2099 SEA L13

L20 1474 DUP REM L19 (625 DUPLICATES REMOVED)

L21 488 SEA L20 AND L16

L25 131 SEA FILE=HCAPLUS ABB=ON L17 AND PHARM?/SC,SX

L26 3 SEA FILE=HCAPLUS ABB=ON L25 AND (1840-1995)/PRY,AY,PY

L27 5 SEA FILE=HCAPLUS ABB=ON L18 OR L26

L28 5 SEA FILE=HCAPLUS ABB=ON L17 AND (1840-1995)/PRY,AY,PY

L29 84 SEA FILE=HCAPLUS ABB=ON L14 AND (1840-1995)/PRY,AY,PY

L30 370919 SEA FILE=HCAPLUS ABB=ON (?CANCER? OR CARCINOMA? OR
 MELANOMA? OR ?NEOPLAS? OR ?TUMOR? OR ?TUMOUR? OR
 ?MALIGNAN?)/CT

L31 4 SEA FILE=HCAPLUS ABB=ON L29 AND L30

L32 6 SEA FILE=HCAPLUS ABB=ON L29 AND THU/RL

L33 8 SEA FILE=HCAPLUS ABB=ON L18 OR L26 OR L26 OR L27 OR
 L28 OR L31 OR L32

L34 206 SEA FILE=HCAPLUS ABB=ON L14 AND THU/RL

L35 26 SEA FILE=HCAPLUS ABB=ON L34 AND CANCER/IT

L36 1 SEA FILE=HCAPLUS ABB=ON L35 AND (1840-1995)/PRY,AY,PY

L37 8 SEA FILE=HCAPLUS ABB=ON L33 OR L36

L38 8 SEA L21 AND PY<=1995

L39 0 SEA L38 NOT L37

=> fil hcap
FILE 'HCAPLUS' ENTERED AT 16:11:58 ON 18 SEP 2006

=> d 175 1-43 ibib abs hitstr hitind

L75 ANSWER 1 OF 43 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:887683 HCAPLUS
DOCUMENT NUMBER: 139:375047
TITLE: Lactacystin analogs for diagnosis and
treatment of proteasome-mediated disorders
INVENTOR(S): Schreiber, Stuart L.; Standaert, Robert F.;
Fenteany, Gabriel; Jamison, Timothy F.
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
SOURCE: U.S., 47 pp., Cont.-in-part of U.S. Ser. No.
421,583.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

Applicants

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6645999	B1	20031111	US 1997-945092	1997 0126
US 6335358	B1	20020101	US 1995-421583	1995 0412
WO 9632105	A1	19961017	WO 1996-US5072	1996 0412

W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE,
DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ,
LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ,
PL, PT, RO, RU, SD, SE, SG, SI
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN

PRIORITY APPLN. INFO.: US 1995-421583 A2 1995
0412
WO 1996-US5072 W 1996
0412

OTHER SOURCE(S): MARPAT 139:375047
AB Comps. related to lactacystin and lactacystin β -lactone,
pharmaceutical comps. containing the comps., and methods of use in
treatment of conditions directly or indirectly mediated by
proteasome, such as inflammation or cancer and as
diagnostic agents are discussed. For example, lactacystin
(β -lactone form) did not affect the TNF-dependent signalling
pathway in Hela cells that leads to the phosphorylation of